

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035812.D
 Acq On : 25 May 2024 21:26
 Operator : SY/MD
 Sample : P2586-03
 Misc : 5.23g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 05:31:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

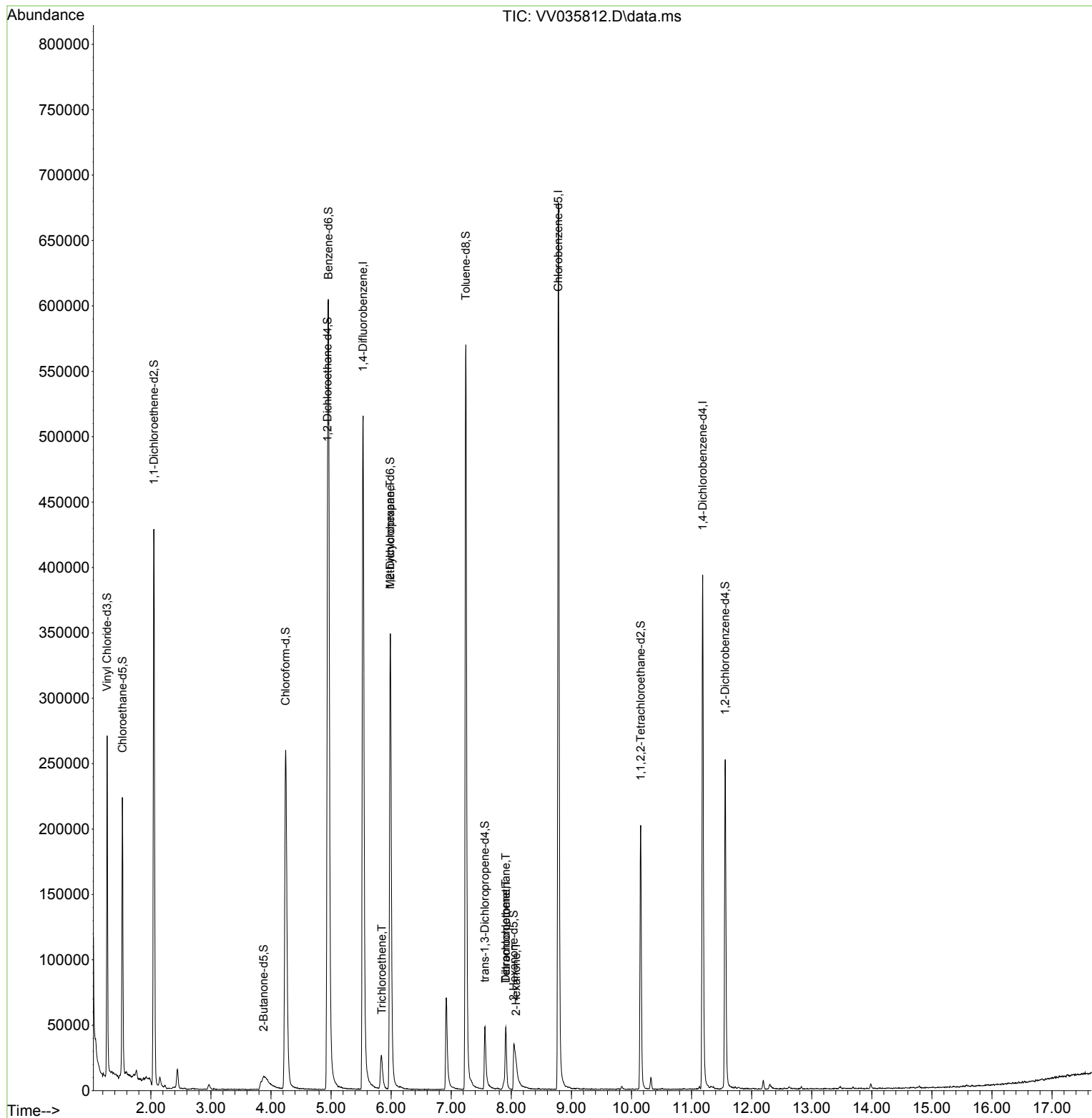
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	469370	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	397360	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	108327	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	174282	24.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.080%
7) Chloroethane-d5	1.526	69	143041	24.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	2.050	65	74372	23.156	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.640%
21) 2-Butanone-d5	3.880	46	13283	6.452	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.900%#
24) Chloroform-d	4.243	84	296913	21.278	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	4.941	65	163451	23.694	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.760%
32) Benzene-d6	4.957	84	565586	26.002	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	5.986	67	182749	27.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.880%
41) Toluene-d8	7.243	98	404668	20.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.561	79	33859	11.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	47.160%
47) 2-Hexanone-d5	8.040	63	12390	10.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.520%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	101762	15.732	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	68632	18.256	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.040%#
Target Compounds						Qvalue
34) Trichloroethene	5.844	95	6863	0.923	ug/L	95
35) Methylcyclohexane	5.986	83	44923	3.978	ug/L #	21
46) Tetrachloroethene	7.908	164	12054	1.995	ug/L	97
48) 2-Hexanone	8.079	43	14046	4.559	ug/L #	38
49) Dibromochloromethane	7.908	129	10793	1.641	ug/L #	11

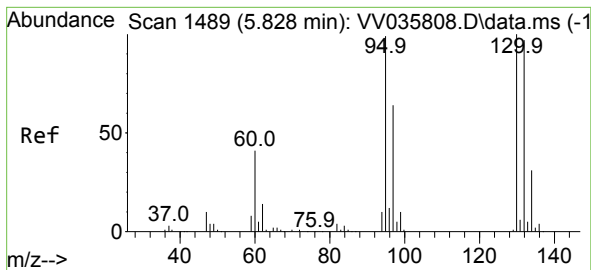
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 27 05:15:54 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.923 ug/L

RT: 5.844 min Scan# 14

Delta R.T. 0.016 min

Lab File: VV035812.D

Acq: 25 May 2024 21:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6863

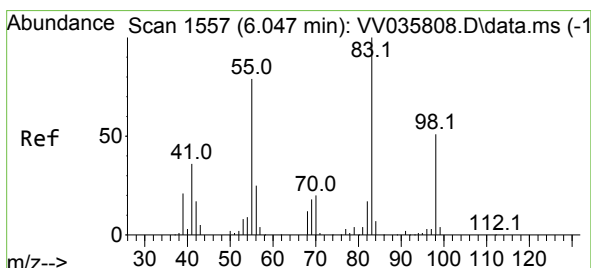
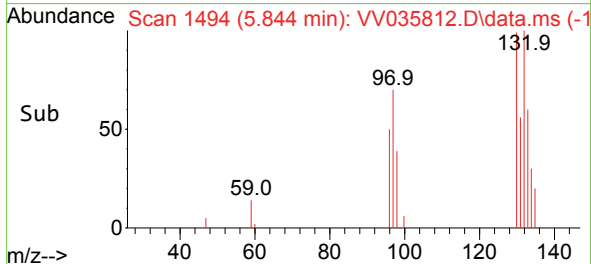
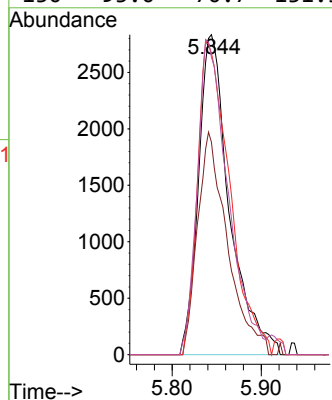
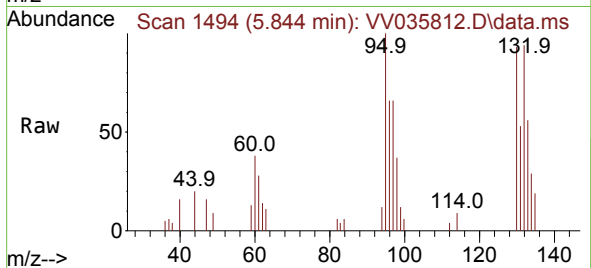
Ion Ratio Lower Upper

95 100

97 66.4 43.8 81.4

132 94.3 67.1 124.7

130 93.0 70.7 131.3



#35

Methylcyclohexane

Concen: 3.978 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.061 min

Lab File: VV035812.D

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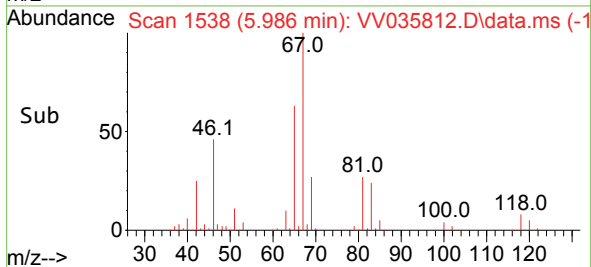
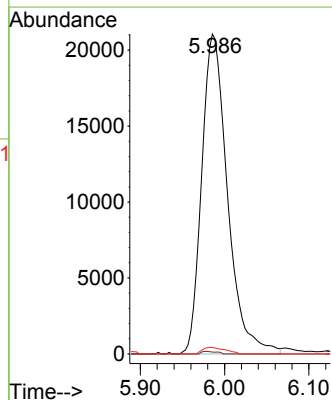
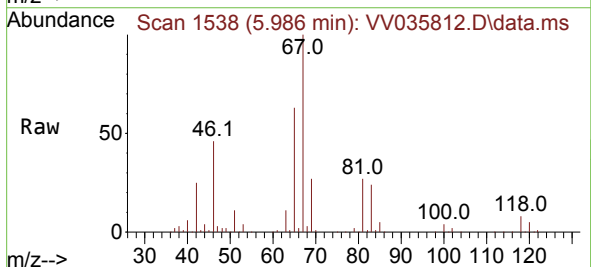
Tgt Ion: 83 Resp: 44923

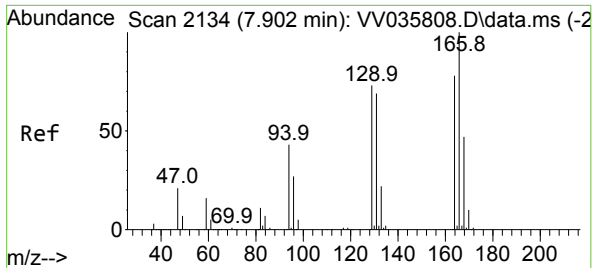
Ion Ratio Lower Upper

83 100

55 0.4 57.5 86.3#

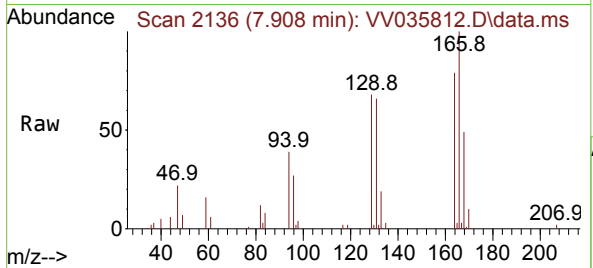
98 1.8 38.6 58.0#





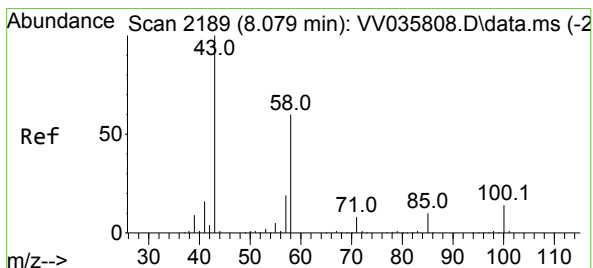
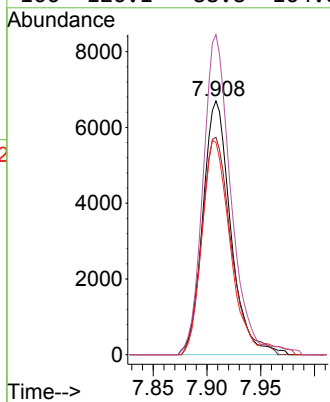
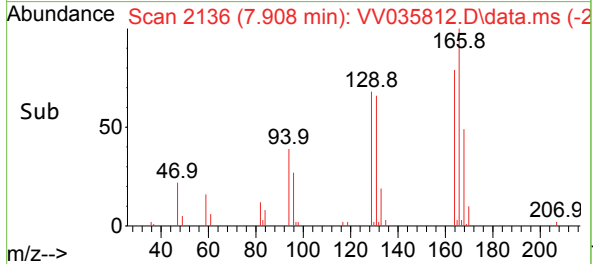
#46
Tetrachloroethene
Concen: 1.995 ug/L
RT: 7.908 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV035812.D
Acq: 25 May 2024 21:26

Instrument :
MSVOA_V
ClientSampleId :

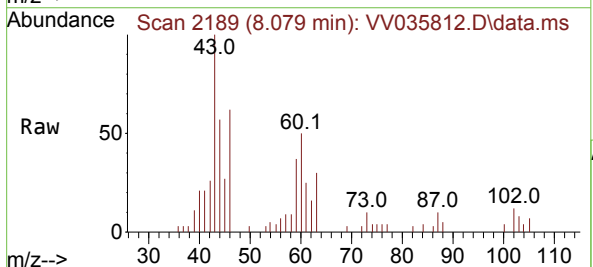


Tgt Ion:164 Resp: 12054

Ion	Ratio	Lower	Upper
164	100		
129	85.7	63.4	117.8
131	83.7	61.0	113.4
166	126.1	88.8	164.8

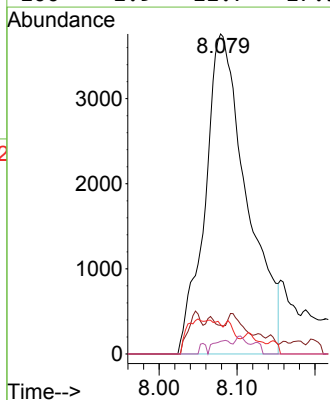
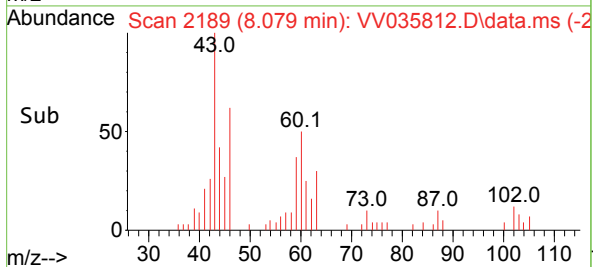


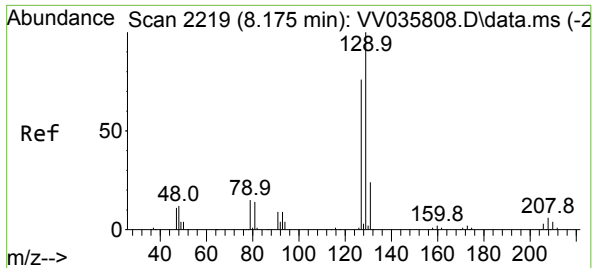
#48
2-Hexanone
Concen: 4.559 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035812.D
Acq: 25 May 2024 21:26



Tgt Ion: 43 Resp: 14046

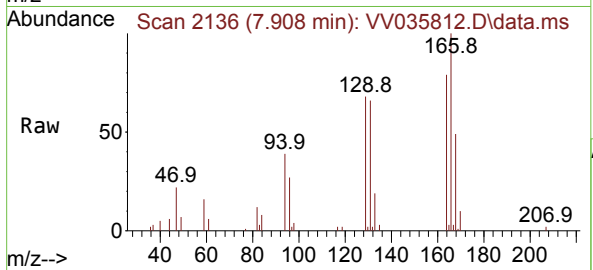
Ion	Ratio	Lower	Upper
43	100		
58	2.9	48.8	73.2#
57	1.0	16.9	25.3#
100	1.9	11.7	17.5#





#49
 Dibromochloromethane
 Concen: 1.641 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. -0.267 min
 Lab File: VV035812.D
 Acq: 25 May 2024 21:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:129 Resp: 10793
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 99.8#

